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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: 4/21/05 Name: Anthony P. Curtis, Ph.D., 46,193 Signature: [Signature]

BRINKS  
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& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Yuichi Shimizu

Appln. No.: 10/689,451

Filed: October 20, 2003

For: Small Non-Reciprocal Circuit Element with Good Productivity

Attorney Docket No: 9281/4683

Examiner: Stephen Jones

Art Unit: 2817

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Transmittal Cover Letter (1p. Filed in Dup.); Response to Restriction/Election Requirement and Amendment (3pp.)
- ☒ Return Receipt Postcard

Fee calculation:

- ☒ No additional fee is required.
- ☐ Small Entity.
- ☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_\_).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=	
					Total	\$		Total	\$

Fee payment:

- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed.
- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.
- ☐ Payment by credit card in the amount of \$\_\_\_\_\_ (Form PTO-2038 is attached).
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Date

Respectfully submitted,

Anthony P. Curtis, Ph.D. (Reg. No. 46,193)

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Commissioner for Patents  
Alexandria, VA 22313

on 4/21/05

Date of Deposit

Anthony P. Curtis, Ph.D., 46,193

Name of applicant, assignee or  
Registered Representative

Signature

Date of Signature

Our Case No. 9281/4683

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Yuichi Shimizu

Serial No. 10/689,451

Filing Date: October 20, 2003

For SMALL NON-RECIPROCAL CIRCUIT  
ELEMENT WITH GOOD PRODUCTIVITY

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) Examiner Stephen Jones  
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) Group Art Unit No. 2817  
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**RESPONSE TO RESTRICTION/ELECTION REQUIREMENT AND AMENDMENT**

Commissioner for Patents  
Alexandria, VA 22313

Dear Sir:

Prior to examination of the above-identified application, please amend the application as follows:

**Amendments to the Specification** begins on page 2 of this paper.

**Remarks** begin on page 3 of this paper.